



## DEPARTMENT OF NATURAL RESOURCES

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February 28, 2005

Mr. Eric Riffle, Principal Engineer  
Gilbarco Inc.  
P.O. Box 22087  
Greensboro, NC 27420-2087

APPROVAL LETTER

2001-03A

RE: Gilbarco Encore Series Dispensers – Balance Vapor Recovery System

Dear Mr. Riffle:

This letter is to inform you of the department's approval of the Gilbarco (formerly Marconi, formerly Gilbarco) Encore Series NG4 and NG5 Two Grade Single-Hose dispensers. Your company requested that these dispensers be added to Missouri Performance Evaluation Testing Procedures (MOPETP) approval #2001-03. This approval is an addendum to MOPETP approval #2001-03. All conditions and provisions of approval #2001-03 will apply to this approval as well. Your company further requested the name of Marconi be changed back to Gilbarco. This request is also approved and the MOPETP Approved Components List will reflect both company names in the "Manufacturer" column.

All vapor recovery piping configurations for the Encore product line were installed and tested at the Western Oil facility located at 105 Highway AT in Villa Ridge, Missouri. These two new dispenser models utilize the identical vapor recovery plumbing components as the dispensers tested and approved under approval #2001-03. This previous testing was done utilizing additional hose ports on all units to allow testing at alternate hose positions. This included both versions (Nibco tee fitting and T-drilled) of the M01237 balance upper tube for multi-hose units and the M01446 balance upper tube for single-hose units. Neumayer Equipment Company served as the testing company for Marconi now Gilbarco.

The MOPETP evaluation included the following tests: 90-day endurance test with continuous temperature/pressure monitoring, pressure/leak decay testing, P/V valve bench testing, and dry/wet back pressure testing of individual components and the entire system. The Air Pollution Control Program approves the equipment listed in the table below, subject to the terms and conditions of the Balance system approval listed on the MOPETP Approval APCP-0002-001-99.



Mr. Eric Riffle  
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Manufacturer	Model	Component
Gilbarco Inc.(Marconi) (Gilbarco)	NA0, NC0	1 Grade Multi-Hose Dispenser
	NA1, NC1	2 Grade Multi-Hose Dispenser
	NA2, NC2	3 Grade Multi-Hose Dispenser
	NA3, NC3	4 Grade Multi-Hose Dispenser
	NG0, NG2	3 Grade Single-Hose Dispenser
	NG1, NG3	4 Grade Single-Hose Plus One Dispenser
	NG 4, NG5	2 Grade Single-Hose
	NJ0, NJ1	Multi-Hose Blender Dispenser
	NJ2, NJ3	Multi-Hose Blender Plus One Dispenser
	NL# (# =0 thru 7)	X + 1 Blender Dispenser
	NN# (# = 0 thru 7)	X + 0 Blender Dispenser

Thank you for your cooperation in this matter. If you should have any questions about this approval, please contact Mr. Bud Pratt at the Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102-0176, or by telephone at (573) 751-4817.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

*Original Signed by Leanne Tippet Mosby*

Leanne Tippet Mosby  
Director

LTM:bpr

Enclosure

c: Stage II VAP List